

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application)

Applicant: Shinohara et al.)

Serial No. 09/275,578)

Filed: March 24, 1999)

For: MAGNETIC RECORDING)
MEDIUM AND MAGNETIC)
RECORDING DISK DEVICE)

Art Unit: 1773)

Examiner: Bernatz, K.)

Assistant Commissioner for Patents
Washington, D.C. 20231I hereby certify that this paper is being deposited with the
United States Postal Service as FIRST-CLASS mail in an
envelope addressed to: Assistant Commissioner for Patents,
Washington, D.C. 20231 on this date.Date
F-CLASS.WCM

Appr. February 20, 1998

Registration No. 29367
Attorney for ApplicantCOPY OF PAPERS
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JUN 13 2002
TC 1700AMENDMENT TRANSMITTAL

Sir:

Transmitted herewith is a communication regarding the above-identified application.

Fee Calculation For Claims As Amended

	As Amended	Previously Paid For	Present Extra	Rate	Additional Fee
Total Claims	12	20	0	\$18.00	\$
Independent Claims	2	3	0	\$84.00	\$
Fee for Multiple Dependent Claims				\$280.00	\$
Total Additional Fee					\$0.00

(X) Amendment D.

(X) If a Petition under 37 C.F.R. §1.136(a) for an extension of time for response is required to make the attached response timely and does not separately accompany this transmittal, Applicant(s) hereby petition(s) under 37 C.F.R. §1.136(a) for an extension of time for response in the above-identified application for the period required to make the attached response timely.

(X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

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PATENT

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24 May 02
Date
F-CLASS.WCM

Appr. February 20, 1998

[Signature]
Registration No. *29367*
Attorney for Applicant

AMENDMENT D

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed December 26, 2002, please amend the application as follows:

In the Claims:

Please amend claim 1 to read as follows:

DI *sub* *EI*
1. (Amended three times) A magnetic recording disk comprising a nonmagnetic glass or silicon substrate having non-oriented irregularities on a surface thereof, and, having applied thereon in the following order:

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